University of Massachusetts Boston

CS460

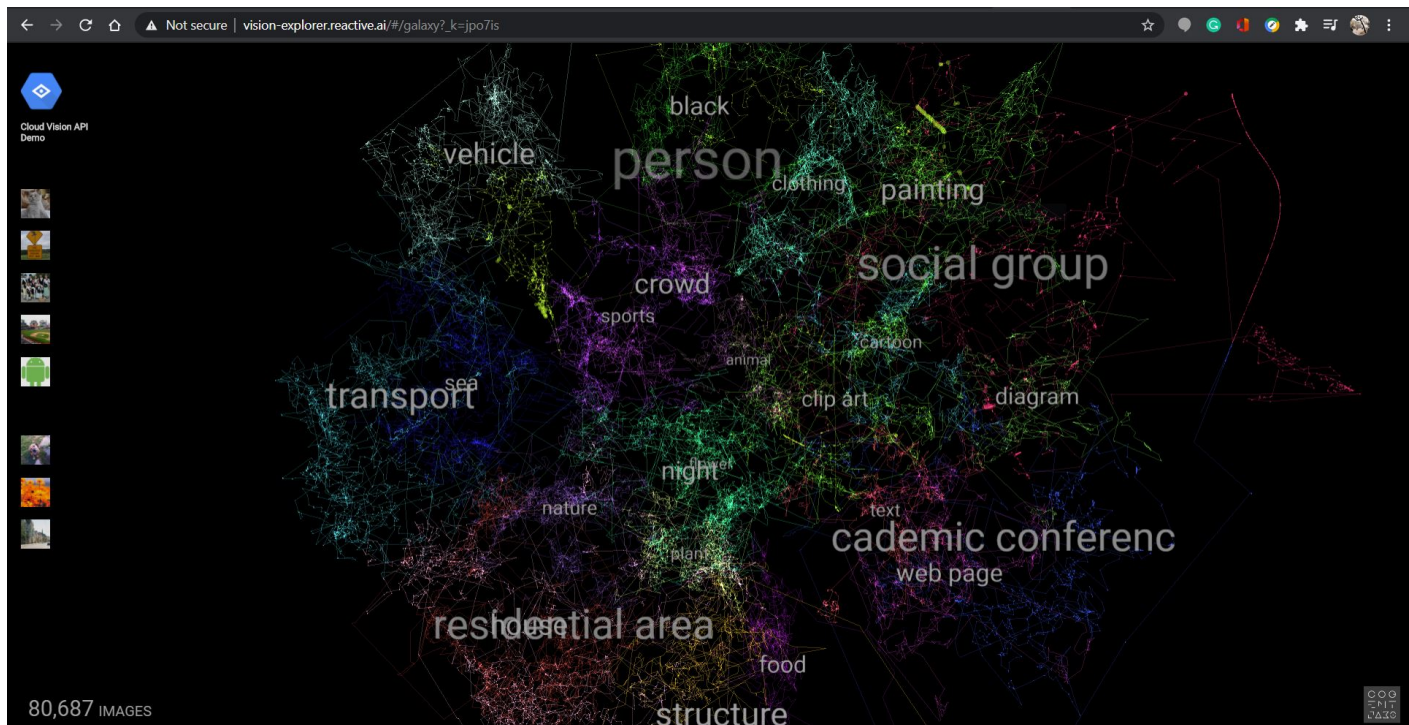**CS460 Fall 2020**
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Due Date: 09/14/2020

Assignment 1: Intro

Part 1 (75 points): Describe your favorite WebGL demo.

My favorite demo with WebGl is at this website (`http://vision-explorer.reactive.ai/#/?_k=skbhko`).
Creators of this website was using Google Cloud Vision API to bring magnificent galaxy with clustering more than 80k images. There are total 8 pictures to be presented as the first node on the left side. When single picture has been clicked, this will bring user to each node of children with hundreds images contained.The interesting details are the way of two modern programming languages combined together which are React and Three JavaScript. It is also used WebGL with C++ and Python at the back-end.

Technologies used:

- HTML/CSS/JavaScript
- Three.js
- React.js
- C++
- Python

Part 2 (25 points): Register for the virtual 3D world at `https://framevr.io/cs460` and customize your avatar. Then, add a screenshot of your avatar below.

Bonus (33 points): If possible, try to host the project as your own Github repository and make it accessible via Github pages. Please make sure to credit the original authors. Then, link the repository here: `https://thucnguyen007.github.io/galaxy-visionAPI-discover/`